

Coiled Tubing Distributed Optical Fiber Monitoring Technology

The technology is an integrated solution to combine the optical fiber technology and coiled tubing technology. This is a monitoring technology uses sensing element and transmission at the same time. The technology utilizes the optical time domain reflection technology to detect temperature, sound, vibration, changes of stress and strain along the optical fiber to implement the monitoring. Furthermore, DTS and DAS are often used in combination. With the rich experience in coiled tubing operations and strong ability in terms of resources integration, Anton is equipped with full range of solutions for the technology from service operation to interpretation.

Technology Features

- All-weather monitoring production profile, rather than average for a period of time.
- No need to carry tools.
- Not affected by the wellbore cleanliness.
- Through tubing operation.
- Effectively monitoring the flow outside casing.

Application Range

Oil and gas well production logging, leaking detection, stimulation field guidance and evaluation

Service Performance

- Successful application for 10 wells in Ordos and Sichuan Basin

